

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

|                                     |   |                   |
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| In re Patent Application of         | ) |                   |
| Takahisa MIYAWAKI et al.            | ) | Group Art Unit:   |
| Application No.:                    | ) | Examiner:         |
| Filed: April 13, 2005               | ) | Confirmation No.: |
| For: SEALANT COMPOSITION FOR LIQUID | ) |                   |
| CRYSTAL AND PROCESS FOR             | ) |                   |
| PRODUCING LIQUID-CRYSTAL            | ) |                   |
| DISPLAY PANEL WITH THE SAME         | ) |                   |

FIRST INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. § 1.56, the accompanying information is being submitted in accordance with 37 C.F.R. §§ 1.97 and 1.98.

The listed documents were either cited in the specification or the International Search Report in the corresponding PCT application.

To assist the Examiner, the documents are listed on the attached form PTO-1449. Copies of the documents cited only in the specification are provided herewith along with abstracts and/or translations thereof. However, only translations of the documents cited in the Search Report are submitted as it is understood that the actual citations have already been transmitted by the International Bureau. It is respectfully requested that an Examiner initialed copy of this form be returned to the undersigned.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

Date April 13, 2005

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10/531279

# **FIRST INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet

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of

1

Application Number

Filing Date

April 13, 2005

First Named Inventor

Takahisa MIYAWAKI et al.

Examiner Name

Attorney Docket Number

018765-213

## **U.S. PATENT DOCUMENTS**

| Examiner Initials | Document Number | Kind Code (if known) | Name of Patentee or Applicant of Cited Document | Issue/Publication Date (MM-DD-YYYY) |
|-------------------|-----------------|----------------------|---|-------------------------------------|
|                   |                 |                      |   |                                     |
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## **FOREIGN PATENT DOCUMENTS**

| Examiner Initials | Document Number | Kind Code (if known) | Country | Date of Publication (MM-DD-YYYY) | STATUS      |                     |                    |               |      |          |               |
|-------------------|-----------------|----------------------|---------|----------------------------------|-------------|---------------------|--------------------|---------------|------|----------|---------------|
|                   |                 |                      |         |                                  | Translation | Partial Translation | Eng. Lang. Summary | Search Report | IPER | Abstract | Cited in Spec |
|                   | 10-273644*      | A                    | JP      | 10-13-1998                       | X           |                     |                    |               |      | X        | X             |
|                   | 2001-064483*    | A                    | JP      | 03-13-2001                       | X           |                     |                    |               |      | X        | X             |
|                   | 2001-100224     | A                    | JP      | 04-13-2001                       | X           |                     |                    | X             |      | X        |               |
|                   | 2001-100223     | A                    | JP      | 04-13-2001                       | X           |                     |                    | X             |      | X        |               |
|                   | 08-234216       | A                    | JP      | 09-13-1996                       | X           |                     |                    | X             |      | X        |               |
|                   | 05-295087       | A                    | JP      | 11-09-1993                       | X           |                     |                    | X             |      | X        |               |
|                   | 2002-012818     | A                    | JP      | 01-15-2002                       | X           |                     |                    | X             |      | X        |               |
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|                   | 2003-280004     | A                    | JP      | 10-02-2003                       |             |                     |                    | X             |      |          |               |

## **NON-PATENT LITERATURE DOCUMENTS**

| Examiner Initials | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. |
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\*Copy attached.

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|--------------------|--|-----------------|--|
| Examiner Signature |  | Date Considered |  |
|--------------------|--|-----------------|--|

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.